Form PTO 9449
(Rev. 2-1997)U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
IIS-110Serial No.
10/027,817

Information Disclosure Statement by Applicant

Applicant: Hamid R. Berenji et al.

(Use several sheets if necessary)

Filed: December 21, 2001, Group: 3713

RECEIVED**FEB 20 2003**

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

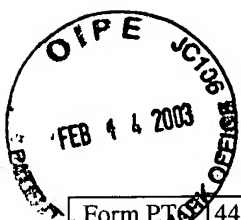
	1	R. S. Sutton et al., "Toward a Modern Theory of Adaptive Networks: Expectation and Prediction", <u>Psychological Review</u> , Vol. 88, pp. 135-170, 1981 (no month)..
	2	A. G. Barto et al., "Neuronlike Adaptive Elements That Can Solve Difficult Learning Control Problems", <u>IEEE Transactions on Systems, Man, and Cybernetics</u> , Vol. 13, pp. 834-846, September/October 1983.
	3	T. Takagi et al. "Fuzzy Identification of Systems and Its Application to Modeling and Control", <u>IEEE Transactions on Systems, Man, and Cybernetics</u> , Vol. 15, No.1, pp.116-132, January/February 1985.
	4	R. J. Williams et al., "Toward a Theory of Reinforcement-Learning Connectionist Systems", <u>Technical Report NU-CC-88-3</u> , Northeastern University, College of Computer Science, July 1988.
	5	M. Sugeno, "Structure Identification Of Fuzzy Model", <u>Fuzzy Sets and Systems</u> , Vol. 28, pp. 15-33, 1988 (no month).
	6	C. J. H. Watkins, "Learning from Delayed Rewards.", Ph.D. Thesis, Cambridge University, May 1989.
	7	H. R. Berenji, "A Reinforcement Learning-Based Architecture For Fuzzy Logic Control", <u>International Journal of Approximate Reasoning</u> , Vol. 6, No. 2, 267-292, February 1992.
	8	H. R. Berenji et al., "Learning and Tuning Fuzzy Logic Controllers Through Reinforcements", <u>IEEE Transactions on Neural Networks</u> , Vol. 3, No. 5, pp. 724-740, September 1992.
	9	B. Kosko, "Fuzzy Systems as Universal Approximators", <u>IEEE Intl. Conf. On Fuzzy Systems (FUZZ-IEEE '92)</u> , pp. 1153-1162, 1992 (no month).
	10	L.-X. Wang, "Fuzzy systems are universal approximators", <u>IEEE International Conference on Fuzzy Systems (FUZZ-IEEE '92)</u> , pp. 1163-1169, 1992 (no month).
	11	D. A White et al., <u>Handbook of Intelligent Control: Neural, Fuzzy, and Adaptive Approaches</u> , Van Nostrand Reinhold, pp. 93-139, 1992.
	12	H. Berenji et al., "Clustering in Product Space for Fuzzy Inference", <u>Second IEEE International Conference Fuzzy Systems</u> , Vol. II, pp. 1402-1407, March/April 1993
	13	H. Berenji, "Fuzzy Q-Learning: A New Approach for Fuzzy Dynamic Programming", <u>Third IEEE International Conference on Fuzzy Systems</u> , Vol. 1, pp. 486-491, June 1994.
	14	"CDG: CDMA Technology: About CDMA Technology: Introduction to CDMA", [Internet] http://www.cdg.org/tech/a_ross/Intro.asp , 2 pages, printed October 8, 2002.
	15	CDG: CDMA Technology: About CDMA Technology: Multiple Access Wireless Communications, [Internet] http://www.cdg.org/tech/a_ross/MultipleAccess.asp , 3 pages, printed October 8, 2002.
	16	CDG: CDMA Technology: About CDMA Technology: The CDMA Revolution, [Internet] http://www.cdg.org/tech/a_ross/CDMARevolution.asp , 7 pages, printed October 8, 2002
	17	CDG: CDMA Technology: About CDMA Technology: Common Air Interface, [Internet] http://www.cdg.org/tech/a_ross/CAI.asp , 1 page, printed October 8, 2002
	18	CDG: CDMA Technology: About CDMA Technology: Forward CDMA Channel, [Internet] http://www.cdg.org/tech/a_ross/Forward.asp , 5 pages, printed October 8, 2002
	19	CDG: CDMA Technology: About CDMA Technology: Reverse CDMA Channel, [Internet] http://www.cdg.org/tech/a_ross/Reverse.asp , 4 pages, printed October 8, 2002

Examiner

Date Considered

12/18/03

Examiner: Initial if citation considered, whether or not citation is in conference with MPEP 609; Draw line through citation if not conformance and not considered. Include a copy of this form with the next communication to applicant.



Form PT-1449 (Rev. 2-32)		U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. IIS-110	Serial No. 10/027,817
Information Disclosure Statement by Applicant			Applicant: Hamid R. Berenji et al.	
(Use several sheets if necessary)			Filed: December 21, 2001 Group 3713	
Other Documents (Including Author, Title, Date, Pertinent Pages, and Technology Center R3700)				
	20	T. Jaakola et al., "Reinforcement Learning Algorithms for Partially Observable Markov Decision Problems", <u>Advances in Neural Information Processing Systems</u> , Vol. 7, pp. 345-352, 1995 (no month).		
	21	H. R. Berenji, "Fuzzy Q-Learning for Generalization of Reinforcement Learning", <u>Fifth IEEE International Conference on Fuzzy Systems</u> , Vol. 3, pp. 2208-2214, September 1996.		
	22	"Fuzzy Logic, Neural Networks, and Genetic Algorithms" Conference Advertisement, Intelligent Inference Systems Corp., Conference Date October 1996.		
	23	D. P. Bertsekas et al., <u>Neuro-Dynamic Programming</u> , Athena Scientific, 1996 (no month).		
	24	H. R. Berenji et al., "Refining the Shuttle Training Aircraft Controller", <u>Sixth IEEE International Conference On Fuzzy Systems</u> , Vol. II, pp. 677-681, July 1997.		
	25	R. S. Sutton et. al., <u>"Reinforcement Learning: An Introduction"</u> , MIT Press, 1998 (no month).		
	26	H. R. Berenji et al., "Cooperation and Coordination Between Fuzzy Reinforcement Learning Agents in Continuous State Partially Observable Markov Decision Process", <u>Proceedings of the 8th IEEE International Conference on Fuzzy Systems (FUZZ-IEEE '99)</u> , pp. 621-627, August 1999.		
	27	V. Konda et al., "Actor-Critic Algorithms", <u>Advances in Neural Information Processing Systems</u> , Vol. 12, pp. 1008-1014, November 1999.		
	28	L. C. Baird, "Gradient Descent for General Reinforcement Learning", <u>Advances in Neural Information Processing Systems 11</u> , 7 pages, 1999 (no month).		
	29	S. V. Hanly et al., "Power Control and Capacity of Spread Spectrum Wireless Networks", <u>Automatica</u> , Vol. 36, No. 12, pp. 1987-2012, 1999 (no month).		
	30	N. Bambos, et al., "Power Controlled Multiple Access (PCMA) in Wireless Communication Networks", <u>Proceedings of IEEE Conference on Computer Communications (IEEE Infocom 2000)</u> , New York, March 2000.		
	31	J. Baxter, "Reinforcement Learning in POMDP's via Direct Gradient Ascent", <u>Proceedings of the 17th International Conference on Machine Learning</u> , pp. 41-48, June 29-July 2, 2000		
	32	D. Vengerov, "Advantages of Cooperation Between Reinforcement Learning Agents in Difficult Stochastic Problems", <u>Proceedings of the 9th IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2000)</u> , pp. 871-876, 2000 (no month).		
	33	R. S. Sutton, "Policy gradient methods for reinforcement learning with function approximation", <u>Advances in Neural Information processing systems 12</u> , pp. 1057-1063, 2000 (no month).		
Examiner		Date Considered <u>12/18/03</u>		
Examiner: Initial if citation considered, whether or not citation is in conference with MPEP 609; Draw line through citation if not conformance and not considered. Include a copy of this form with the next communication to applicant.				